

M. A. R. 57 (Rule 116)
Measurement Book

No. D 270731

Serial No. 2nd 4 Part 6:11

Name of work

Name of Contractor of nature of Agency M/S M. R. Infra

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Item: Construction of Rajaram's Shwari					School	(Kalpana Road) Building
	in hand No. 17 JP part.						
	Estimate cost (Rs) :- 990.00 lacs						
	Job code No:- 017-19 - 000004 (P-3460)						
	As. No + Rt: EEE(0)/RRN/AS No/06/24-22						
	Rs. No + Rt: CE/RRN/TS No/33/24-22						
	A. No + Rt: EEE(0)/RRN/Ag No/28/24-22						
	No. No + Rt: EEE(0)/RRN/No. No/25/24-22						
	Name of Agency: M/S. N. R. Infra.						

Abstract

MEASUREMENT BOOK

Date	Full description, etc, of work	Present Dimensions				Contents	Total Reference to last	
		Number	Length	Breadth	Depth		Measurement	date
Aug 190	2	Unit						
1.	Clearing & grubbing road land including uprooting stumps → Ha	0.97	21737=0	—	240945	—	0.97	21737=0
2.	Earth work for lowering level -ing the ground flatter than foundation up to 125' → 4m Above 125' → 4m	2888=0 78.79	213106=0	722=0	78.79	53276=0	3610=0	266382=0
3.	Earth work excavation for foundation of structure up to 3m → 4m	—	—	1727.30	78.79	128195=0	1727.30	128195=0
4.	Earth work excavation by Normal means for foundation & building. Leads Supply → 4m	863.40	286933=0	9.52	325.38	3098=0	822.92	284031=0
5.	Providing sand & cement piles with all leads → 59m Above 125' → 59m	1161.50	505787=0	290.38	1435.46	126449=0	1451.98	632236=0
		—	—	285.22	435.46	124202=0	285.22	124202=0

M. A. R. 57 (Rule 116)
Measurement Book

No. D 270732

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc., of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8	
			Length 4	Breadth 5	Depth 6			
6.	providing & injecting chemical Emulsion for pre-Construction Anti-treat ment → gm Above 125% → 5m	1126.50	144440=∞	29.63	128.22	36111=∞	1401.13	180551=∞
		—	—	864.52	128.22	110849=∞	864.52	110849=∞
7.	providing & filling in foundat ion with granite/trap brack Above 125% → 2m	232.30	682525=∞	58.08	2938.12	170646=∞	290.38	853171=∞
		—	—	53.49	2938.12	157160=∞	53.49	157160=∞
8.	providing & filling sand in foundation upto plinth → 4m	56.16	139789=∞	1.24	2491.78	3015=∞	57.31	142804=∞
9.	Earthwork Excavation in all. Soil deposits & filling → 4m Above 125% → 4m	1024=∞	497707=∞	255.25	487.47	124427=∞	1276.25	622134=∞
		—	—	7053.57	487.47	3438404=∞	7053.57	3438404=∞

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
10.	Loading & Unloading of Stone boulders / Stone aggregates → cum Above 125% → cum	2888=0	333246=0	782=0	115.39	88312=0	3610=0
		—	—	1391.11	115.39	1314420=0	1139.11
11.	providing & laying in position pcc 1:3:6 40mm → cum Above 125% → cum	252.65	166197=0	63.16	6577.88	215459=0	315.84
		—	—	4.14	6577.88	27232=0	4.14
13.	providing & laying in position pcc M25 20mm FF → cum	26.70	199888=0	1.77	7486.45	13251=0	28.47
14.	providing & laying in position pcc M25 20mm FF → cum Above 125% → cum	—	—	33.38	7559.03	252320=0	3838
		—	—	0.59	7559.03	4466=0	0.59
15.	— SF → cum	—	—	28.17	7631.60	217272=0	28.17
18.	providing & laying Cement Concrete using 20mm → cum	685.49	4610118=0	80.35	7234.43	582893=0	715.84

M. A. R. 57 (Rule 116)
Measurement Book

No. D 270733

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19.	Providing & laying Cement concrete using 20mm grade beam	140.71	1020.77m	169=0	7254.43	1225999=0	309.71 2246770=0
20.	p ————— Roof slab —> m	298.87	2168131=0	280.12	7254.43	2032111=0	577.99 4200212=00
21.	Providing & removing Centering Shuttering propping etc for —> m	794.38	247910=0	—	3912.05	—	794.38 247910=0
22.	Providing & removing Centering Shuttering work for side G.I. —> m	1907.10	673588=0	129.60	353.20	45845=0	2036.90 719433=00
23.	Providing & removing Centering Shuttering FF —> m	—	—	1099.87	359.25	395728=0	1099.87 395728=0
24.	————— SF —> m	—	—	1285.67	365.30	469655=0	1285.67 469655=0

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
27.	Providing a remaining centring for columns $\rightarrow$ sym Above 125% $\rightarrow$ sym	627.50	346116=0	128.88	571.58	865382=0	784.38 432448=0
28.	Providing a remaining centring for columns, pillars FF $\rightarrow$ sym	—	—	92.93	571.58	51258=0	92.93 51258=0
29.	— FF $\rightarrow$ sym	—	—	458.02	558.84	255960=0	458.02 255960=0
30.	— FF $\rightarrow$ sym	—	—	458.02	566.09	259241=0	458.02 259241=0
31.	Providing a remaining centring station for flat surface 4 F $\rightarrow$ sym	1153.60	558158=0	1.18	483.84	5741=0	1154.78 558229=0
33.	— FF $\rightarrow$ sym	—	—	1154.78	483.84	558729=0	1154.78 558729=0
34.	— FF $\rightarrow$ sym	—	—	1154.78	483.84	558729=0	1154.78 558729=0
37.	Providing a remaining centring for edges of slabs $\rightarrow$ sym	57.45	46987=0	102.89	913.25	93964=0	154.39 140957=0
39.	Providing a remaining centring for edges of steel case $\rightarrow$ sym	84.96	53439=0	169.83	628.99	106584=0	254.89 166323=0

M. A. R. 57 (Rule 116)
Measurement Book

No. D 270734

Serial No.

Name of work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
40.	Providing & laying in position Rec No 123m AF → 200gm	43.91	26344=10	—	599.96	—	43.91 26344=10
41.	— FF → 5m	—	—	50.60	606.01	36684=10	50.60 36684=10
42.	— SF → 5gm	—	—	43.91	612.06	26676=10	43.91 26676=10
45.	Providing & removing Centing Shuttering for chup → 5m	43.91	17156=10	161.24	390.70	39543=10	145.12 56699=10
48.	Providing TMT steel reinforcement for Rec No 123m SF → 12	90.53	8542264=10	2.41	94357.24	227407=10	92.94 8269565=10
49.	— FF → 12	—	—	39.13	95262.05	3727604=10	39.13 3727604=10
50.	— SF → 12	—	—	46.50	96166.53	4471758=10	46.50 4471758=10
56	— SF → 12	—	—	6.91	96166.83	87572=10	0.91 87572=10

AF No 123/ N 9

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
53.	Providing a Constructing granite trap basalt SSN panel → 4m	54.83	304818=K	—	5359.32	—	54.83 304818=K
54.	Providing a Constructing burnt brick Masonry with GI → 4m	209.10	1804789=K	2.96	8831.13	2.5145=K	212.06 183037=K
55.	— w — FF → 4m	—	—	217.11	8691.61	1287035=K	217.11 1887035=K
56.	— w — SF → 4m	—	—	220.85	8725.69	1932899=K	220.85 1932899=K
59.	Construction of partition wall 12cm thick with ren modula → 5m Above 125% → 5m	24.00	27002=K	6.60	1125.67	6750=K	30=K 33752=K
60.	— w — FF → 5m Above 125% → 5m	—	—	3.96	125.07	4455=K	3.96 4455=K
61.	— w — SF → 5m Above 125% → 5m	—	—	31.25	1131.12	35348=K	31.25 35348=K
61.	— w — SF → 5m Above 125% → 5m	—	—	2.71	1131.12	3065=K	2.71 3065=K
61.	— w — SF → 5m Above 125% → 5m	—	—	31.25	1137.17	35537=K	31.25 35537=K
61.	— w — SF → 5m Above 125% → 5m	—	—	2.71	1137.17	3082=K	2.71 3082=K
164.	Geophysical investigation of site for Sinking Borehole → 6cm	1.00	4220=K	—	4220.16	—	1.00 4220=K

M. A. R. 57 (Rule 116)
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No. D 270735

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
165	Smiling & Borewell 9-165m in clay 6.00 to 200.00m	50.00	19432=0	—	388.64	—	50.00 19432=0
166	50.00 to 100.00m	50.00	24752=0	—	495.04	—	50.00 24752=0
167	100.00 to 150.00m	50.00	25536=0	—	570.72	—	50.00 25536=0
168	150.00 to 200.00m	50.00	30016=0	—	600.32	—	50.00 30016=0
169	200.00 to 250.00m	50.00	35504=0	—	710.08	—	50.00 35504=0
170	250.00 to 300.00m	50.00	39200=0	—	784=0	—	50.00 39200=0

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
171.	Supplying 4 151 near 175mm nominal Casing pipe → M/S	80=10	4525=10	—	1508.36	—	30.00 4525=10
172.	Providing & fixing 175mm dia Borewell Cap medium → M/S	1.00	115=10	—	115.36	—	1.00 115=10
173.	MS Casing pipe collar B. class	5.00	865=10	—	173.04	—	5.00 865=10
174.	Supply & delivery at site brand new Submersible pumpset 10HP	1.00	57285=10	—	5728.09	—	1.00 5728=10
175.	Supplying & drawing 3 Core flat pvc sheathed submersible pump cable → RMR	300=10	68880=10	—	229.60	—	300.10 68880=10
176.	Erection & pumpset including aligning & balancing → M/S	1.00	3461=10	—	3460.80	—	1.00 3461=10
177.	Providing & supply waste Unions Conforming to IS1 → M/S	2.00	508=10	—	254.02	—	2.00 508=10

M. A. R. 57 (Rule 116)
Measurement Book

No. D

270736

Serial No.

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

From

To

Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
178.	Supplying fully automatic Star-delta starter → No	1.00	8960=0	—	8960=0	—	1.00 8960=0
179.	Erection of Single phase premeter / ammeter → No	1.00	176=0	—	175.84	—	1.00 176=0
180.	Fabricating, Supplying & moving N.C.B. box made → Regm	30000=0	10200=0	—	0.34	—	30000=0 10200=0
181.	Supplying & fixing N.C.B. box disc using → No	1.00	758=0	—	758.24	—	1.00 758=0
182.	Supplying and dressing of C.F. Copper strip → No	1.00	851=0	—	851.20	—	1.00 851.20
183.	Supplying & fixing porcelain fuse channel → No	3.00	403=0	—	134.40	—	3.00 403=0

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
186.	Providing & fixing in position brass gate valve → No	1.00	2103=∞	—	2103.49	—	1.00 2103=∞
185.	Supplying & laying 1/2" LTU cable having aluminium → No	25=∞	4200=∞	—	168=∞	—	25=∞ 4200=∞
186.	Kasur charges for laying 1 1/4" CLAU LG cable → No	25.00	333=∞	—	13.31	—	25.00 333=∞
187.	Digging of trench 90.6m deep 40.50m wide → No	20.60	1702=∞	—	85.12	—	20.60 1702=∞
188.	Supplying & fixing CLAU-A/MC diam duty) GEPipe → No	10.60	6328=∞	—	6328.80	—	10.60 6328=∞
188.	Supplying & fixing LT Cast iron pot heads → Each	1.00	362=∞	—	362.40	—	1.00 362=∞
190.	Earthwork excavation for foundation building, culverts → Cam	15.35	8158=∞	—	577.97	—	15.35 8158=∞

M. A. R. 57 (Rule 116)
Measurement Book

No. D 270737

Serial No.

Name of work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
191	Providing & installing out 876 work PVC pipe 63mm dia refilling available earth around pipe line, cables etc	129. 35=0	4582=0	—	129.20	—	35=0 4582=0
192	Refilling available earth around pipe line, cables etc	11.89	1649=0	—	139.59	—	11.89 1649=0
E-1	Excavation for laying of structures up to 3mtr → 1m	—	—	592.34	378.60	1965827=0	592.34 1965827=0
E-2	Excavation for adding of 1.5m extra for laying cement concrete under roads → 4m	—	—	1557.71	42.34	65953=0	1557.71 65953=0
E-3	Extra for laying cement concrete under roads → 4m	—	—	677.06	185.07	125303=0	677.06 125303=0

MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E-4	Providing & masonry for Chutney, structural work for Columns, pillars → 50m	—	—	86.66	1164.36	95704200	26.66 95704200.
	Total Amount Rs →	2,58,33,514.00			2,28,24,961.00	5,39,58,475.00	
	Add Cost 12-1/2% Rs →	30,776,022.00			33,998,995.00	33,998,995.00	64,75,014.00
	Grand total Amount Rs →	2,89,10,536.00			3,17,23,956.00	3,17,23,956.00	6,04,33,492.00
	K.K. Chaudhary AE / JE (P) RRN						
	Certific code :-						
	1. Certified that the above work carried out as per specification & work done satisfactorily.						
	2. Certified that the above work Executed						
	K.K. Chaudhary AE / JE (P) RRN						

K.K. Chaudhary
Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Polariseshwari Nagar Zone

No. D

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

Date _____

Full description, etc, of work

2

Number

Length

Breadth

Depth

Contents

7

Reference

to last
measurement

Kalapana Road

Pajamshin Building
School

Indira
Kitchan.

BBMB Help
 eHug
 Uno-1

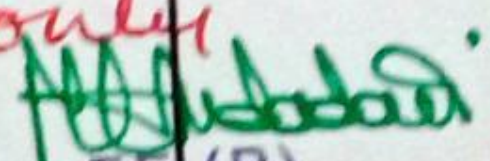
Buistry

Mohan Kumar.

B.E. Gauri Devi
AE / JE (P) RRT

Assistant Executive Engineer (Project)
Brihat Bangalore Mahanagar Palike
Raia Rajeshwari Nagar Zone

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Adjustments Details I.T.....566468.00..... CGST & SGST...283234+283234..... CBF.....28323.00..... FSD.....2792000.00..... Labour CESS...283234.00..... Royalty.....150000.00..... Total.....4386493.00.....					Passed for Rs.....31722191.00.... Only Net Cheque Rs.....27335598.00.... Only Adjustment Rs.....4386493.00.... Only Rs. In Words...Two crore Seventy three lakhs thirty five thousand six hundred and ninety Eight only  Accts Supp RRNZ BBMP	 EE (P) RRNZ BBMP